

# D/ ROW DUAL BODY VERT. SMT PIN HEADER



## 2177 SERIES. 2.00 mm (0.079") pitch.

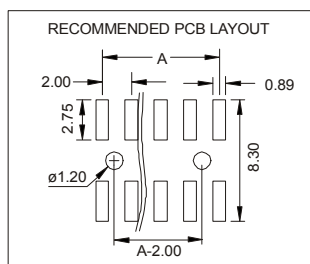
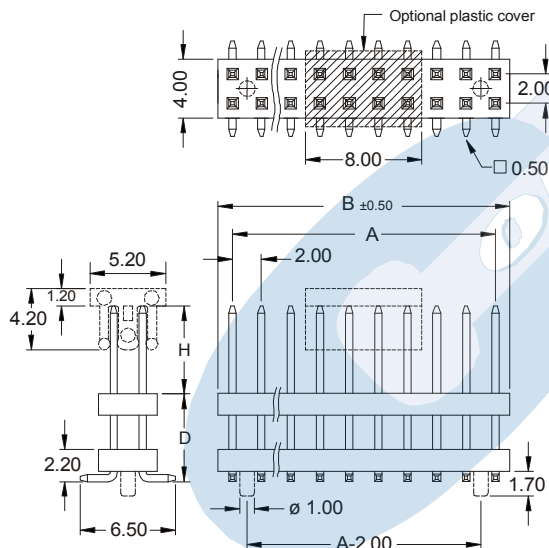
### General Features

- Available in 4 through 80 circuits
- Mates with sockets 2.00 mm. pitch 2042, 2048, 2049, 2105, 2184, 2194, 2191, 2280, 2172, 2173, 2094, 2095, 2197, 2265 and 2022 series
- 0.50 mm. square pin with different plating
- Available with different pin length. Contact Sales Office
- Optional fixing post

### Materials

- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimension Information



**DIMENSIONS:** (In mm.)

$$A = 2.00 \left( \frac{XX}{2} - 1 \right) \quad B = 2.00 \left( \frac{XX}{2} \right)$$

XX = Number of circuits

### Electrical Features

- Voltage rating: < 125V
- Current rating: < 2 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2pF at 1 KHz.

### Mechanical Features

- Pin retention force to insulator: > 0.30 Kgf
- Durability: 50 cycles

### Ordering Information:

**2177 - T- XX- P C E**  
 1 2 3 4 5 6

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel  
Recommended Finish
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel
- T = 13. Sel. gold flash over nickel overall
- T = 15. 15μ" sel. gold over nickel overall
- T = 16. 30μ" sel. gold over nickel overall

#### 3. (XX) Number of circuits

- Available in 4 through 80 circuits

#### 4. (P) Fixing Post

- P = 1. Without fixing post
- P = 2. With fixing post

#### 5. (C) Pin Dimensions

- C = 1. H = 4.00 mm. D = 10.00 mm.
- C = 2. H = 4.00 mm. D = 17.35 mm.
- C = 3. H = 3.00 mm. D = 11.00 mm.
- C = 4. H = 5.00 mm. D = 11.30 mm.
- C = 5. H = 2.40 mm. D = 7.50 mm.
- C = 6. H = 5.00 mm. D = 8.00 mm.
- C = 7. H = 5.00 mm. D = 6.30 mm.

#### 6. (E) Packing Options

- Tube + Pad
- Reel + Pad